INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/23016

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H04L 9/32 US CL : 713/200					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELI	DS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 713/200, 201, 186					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet					
	JMENTS CONSIDERED TO BE RELEVANT		· · · ·		
Category *	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.		
Y	US 6,293,904 B1 (BLAZEY et al) 25 September 200 column 5, lines 16-59; column 6, lines 28-50; column column 9 line 42 to column 10 line 24; column 15 lines 28-50; column 16 lines 28-50; column 17 lines 28-50; column 18 lines 28-50; column 19 lines 28-5	1 (25.09.2001), column 4, lines 33-67; 7. lines 12-58; column 8, lines 25-62;	1-28		
Y	US 5,534,855 A (SHOCKLEY et al) 09 July 1996 (0907.1996), column 5 line 36 to column 6 line 8; column 6, lines 21-66; column 7, lines 21-49; column 8, lines 35-59; column 9, lines 14-57.		1-28		
Y	US 5,892,824 A (BEATSON et al) 06 April 1999 (06.04.1999), column 16, lines 16-30; 8, 9, 20-28 column 17, lines 25-61; column 10, lines 24-57.		8, 9, 20-28		
Y, P	US 6,490,680 B1 (SCHEIDT et al) 03 December 200 column 13 line 19.	02 (03.12.2002), column 12 line 58 to	12		
A	US 6,310,966 B1 (DULUDE et al) 30 October 2001	(30.10.2001), whole document.	1-28		
A, P			1-28		
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	documents are listed in the continuation of Box C.	See patent family annex.			
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention			
"E" earlier ap	oplication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be conside when the document is taken alone	claimed invention cannot be ered to involve an inventive step		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the considered to involve an inventive ste	p when the document is		
"O" documen	t referring to an oral disclosure, use, exhibition or other means	combined with one or more other such being obvious to a person skilled in the	h documents, such combination he art		
priority o	at published prior to the international filing date but later than the	"&" document member of the same patent family			
		Date of mailing of the international sear	ch report		
21 November 2003 (21.11.2003)]	5 DEC 2003		
Name and mailing address of the ISA/US		Authorized officer	-9001		
Co	21 November 2003 (21.11.2003) Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Authorized officer Ayaz R Sheikh Ayaz R Sheikh Ayaz R Sheikh		Most		
P.O. Box 1450 Alexandria, Virginia 22313-1450		Telephone No. 703 505-1373	11 My Million		
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tegory *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, T	Bromme, Arslan A Classification of Biometric Signatures IEEE, 2003 pages 17-20 whole document	1-28
A, T	Anonymous Security Biometrics, Inc. Provides Heightened Security for Microsoft Windows Users Business Wire, Feb 2003 whole document	1-28

INTERNATIONAL SEARCH REPORT	PC1/0303/23016
Continuation of B. FIELDS SEARCHED Item 3: PALM, EAST, PROQUEST, IEEE, GOOGLE search terms: heartbeat, heartbeat pattern, biometric, biometric authentication, si biometric feature	ignature, digital signature, biometric signature,

Form PCT/ISA/210 (second sheet) (July 1998)